



Fire Protection General Submittal Requirements:

1. Submit a minimum of three (3) sets of complete plans, specifications, and calculations for review to Lund Fire Protection. Additional sets may be required depending on jurisdictional requirements.

- One set will be kept for LFP's records
- One set will be returned to the AHJ
- The remaining sets will be returned to the design professional/contractor.

2. Plans submitted for review shall be drawn in a scale size large enough so that details on pipe size/length, riser nipple pipe size/lengths, sprinkler head/fire alarm symbols, hanger details, building construction features, and fire sprinkler/strobe obstructions are clearly legible. The minimum drawing size scale is $1/8" = 1'$. Details shall be a minimum $1/4" = 1'$ or large enough to be legible.

All submittals shall be in compliance with the requirements of the adopted edition of NFPA 13, NFPA 72, etc. for working plans. Each item in the list shall be shown on the plans.

3. Adequate, concise, and sufficient information shall be clearly indicated on the plans to review the system design and occupancy information. This may include submitting details on racking systems, hazardous materials, soffits, equipment schedules, etc. The specific edition of NFPA 13, NFPA 72, etc shall be documented on the plans.

4. Send complete plan submittals, permit application, applicable fees, and a self addressed stamped return envelope (for returning plans) to:

Plan Review
Lund Fire Protection, Inc.
P.O. Box 459
1813 Merle Huff Avenue
Norwalk, Iowa 50211

5. Lund Fire Protection strives for a ten business day or less turn-around time for all submittals. Incomplete submittals will cause a delay in plan review turn-around time. Plans will not be reviewed until the submittal and application are complete and the appropriate fee has been paid.



Plan Review Fee Schedule

	New Install	Alteration / Modification	Re-submittal
Fire Alarm/Sprinkler System Plans			
2,000 sq ft or less	\$250.00	\$250.00	\$250.00
2,001 - 5,000 sq ft	\$300.00	\$300.00	\$250.00
5,001 - 10,000 sq ft	\$400.00	\$400.00	\$250.00
10,001 - 20,000 sq ft	\$500.00	\$500.00	\$250.00
20,001 - 30,000 sq ft	\$600.00	\$600.00	\$300.00
30,001 - 40,000 sq ft	\$700.00	\$700.00	\$350.00
40,001 - 50,000 sq ft	\$800.00	\$800.00	\$400.00
50,001 - 75,000 sq ft	\$1,000.00	\$1,000.00	\$500.00
75,001 - 100,000 sq ft	\$1,250.00	\$1,250.00	\$625.00
100,001 - 200,000 sq ft	\$2,000.00	\$2,000.00	\$1,000.00
200,001 - 300,000 sq ft	\$2,500.00	\$2,500.00	\$1,250.00
300,001 - 400,000 sq ft	\$3,000.00	\$3,000.00	\$1,500.00
400,001 - 500,000 sq ft	\$3,500.00	\$3,500.00	\$1,750.00
Each 100,000 sq ft (or portion there of) over 500,000 sq ft	\$500.00	\$500.00	\$250.00
Clean Agent, CO2, DryChem, or Other Suppression System			
500 sq ft or less	\$500.00	\$500.00	\$250.00
501 - 2,000 sq ft	\$750.00	\$750.00	\$375.00
2,001 - 5,000 sq ft	\$1,000.00	\$1,000.00	\$500.00
5,001 - 10,000 sq ft	\$1,250.00	\$1,250.00	\$625.00
10,001 - 25,000 sq ft	\$1500.00	\$1500.00	\$750.00
Each 25,000 sq ft (or portion there of) over 25,000 sq ft	\$500.00	\$500.00	\$250.00
Fire Pump (per fire pump)	\$250.00	\$250.00	\$250.00
Backflow prevention valve (per hydraulic calculation)	-	\$150.00	\$150.00
Kitchen Hood Suppression System (per hood)	\$150.00	\$150.00	\$150.00
Standpipe systems (if separate from sprinkler system)	\$250.00	\$250.00	\$250.00
Hydraulic calculation (per calculation)	Included	\$150.00	\$150.00

If you have questions about how much the fee should be please contact Lund Fire Protection at (515) 981-0912 or email info@lundfp.com prior to submitting plans. Improper fee submittals will only delay plan review turn-around time.

Rush Plan Review Additional Fees:

- Rush plan review turn-around time is three business days.
- Twice the normal base fee and \$25.00 rush delivery shipping fee.
- Review Letter will be faxed or e-mailed back.
- Be sure to check the RUSH PLAN REVIEW box on the application.
- LFP retains the right to extend the review time on large projects for quality assurance.



Fire Protection Specific Submittal Requirements

Sprinklers

- Hydraulic calculations must clearly show the friction loss for the backflow preventer and include a water supply graph.
- Plans must be to scale (minimum 1/8"=1') and clearly indicate work to be done.
- Plan must show the job name and address.
- The specific type and quantity of sprinklers must be provided on every page.
- Cut sheets for all sprinklers, valves, etc. must be included and specific products used must be indicated (highlighted).
- Fire hydrant flow test information must be dated (flow hydrant should be indicated on site plan).
- All hydraulic node points must be clearly shown on the drawings.
- All ceiling information including soffits, heights, construction type, slope, etc. must be shown and noted with cross section detailed on the plans.
- Specific code sections (for density or design area reductions) and storage information must be provided.
- All plans must have the contractor's name, address, and phone number.
- A scaled site plan clearly showing the building fire department connection location and fire hydrant locations must be provided.
- Each item required by NFPA 13:14.1.3 shall be shown on the plans.

Fire Alarm

- Plans must be to scale (minimum 1/8"=1') and include a scope of work outlining details of the project.
- Plans must show job name and address.
- Cut sheets must be provided and products used must be indicated (highlighted).
- Specific details must be provided regarding the offsite monitoring of the system including type and means of transmission, complete name and location of receiving station.
- All wiring information must be shown on the plans including size, type, and all point to point wire runs.
- Complete battery back-up calculations must be provided that clearly indicates battery size to be provided.
- Voltage drop calculations for notification devices must be provided.
- All plans must have the contractor's name, address, and phone number.
- Reference IFC Section 907.1.1 for additional submittal requirements.

Kitchen Hood

- Plans must include complete hood, duct, pipe, appliance dimensions, and mounting dimensions.
- Plan must show job name and address.
- Specific information and manufacturers UL listing must be provided for all hoods.
- Cut sheets must be provided for all nozzles and equipment to be used.
- The tank size and flow point count must be noted on the plans.
- All plans must have the contractor's name, address, and phone number.
- A plan view of the kitchen must show the hood, tank, and pull station locations.
- The plans must clearly show the type of nozzles to be used and show the mounting height, and aiming point for each.
- Reference NFPA 17A for additional submittal requirements.